

SEP 02 2008

PATENT

PATENT APPLN. NO. 10/519,983
SUBMISSION UNDER 37 C.F.R. § 1.114

IN THE CLAIMS:

1. (currently amended) A process for preparing a glycopeptide having at least one asparagine-linked oligosaccharide at a desired position of the peptide chain thereof, the process comprising:

(1) esterifying a hydroxyl group of a resin having the hydroxyl group and a carboxyl group of an amino acid having amino group nitrogen protected with a fat-soluble protective group,

(2) removing the fat-soluble protective group to form a free amino group,

(3) amidating the free amino group and a carboxyl group of an amino acid having amino group nitrogen protected with a fat-soluble protective group,

(4) removing the fat-soluble protective group to form a free amino group,

(5) repeating the steps (3) and (4) at least once,

(6) amidating the free amino group and a carboxyl group of the asparagine portion of an ~~asparagine-linked oligosaccharide having all the hydroxyl groups unprotected and having amino group nitrogen protected with a fat-soluble protective group~~ asparagine-linked disialooligosaccharide or an asparagine-linked monosialooligosaccharide in which the carboxyl group of the sialic acid is protected with a protective group,

(7) removing the fat-soluble protective group to form a free amino group,

(8) amidating the free amino group and a carboxyl group of an amino acid having amino group nitrogen protected with a fat-soluble protective group,

(9) repeating the steps (7) and (8) at least once,

(10) removing the fat-soluble protective group to form a free amino group, and

(11) cutting off the resin with an acid.

2 - 4. (canceled)

5. (currently amended) A process for preparing a glycopeptide according to claim 1 wherein the ~~asparagine-linked oligosaccharide~~ asparagine-linked disialooligosaccharide or asparagine-linked monosialooligosaccharide of the step (6) of ~~claim 1~~ has at least 6 sugar residues.

6. (previously presented) A process for preparing a glycopeptide according to claim 1 wherein the ~~asparagine-linked oligosaccharide~~ asparagine-linked disialooligosaccharide or

asparagine-linked monosialooligosaccharide of the step (6) of ~~claim~~
± has 9 to 11 sugar residues.

7. (previously presented) A process for preparing a glycopeptide according to claim 1 wherein the ~~asparagine-linked oligosaccharide~~ asparagine-linked disialooligosaccharide or asparagine-linked monosialooligosaccharide of the step (6) of ~~claim~~ ± has at least 6 sugar residues, and has a bifurcated oligosaccharide attached thereto.

8 - 21. (canceled)

22. (new) A process according to claim 1 wherein the protective group for the carboxyl group of the sialic acid is benzyl group.

23. (new) A process according to claim 5 wherein the protective group for the carboxyl group of the sialic acid is benzyl group.

24. (new) A process according to claim 6 wherein the protective group for the carboxyl group of the sialic acid is benzyl group.

25. (new) A process according to claim 7 wherein the protective group for the carboxyl group of the sialic acid is benzyl group.